

WHAT IS CLAIMED IS:

1. A cell voltage detecting unit interconnecting a cell and an SVM, comprising:
a probe having contact with the cell for detecting the cell voltage;
5 an elastic means connected to the probe for absorbing impact;
a resistor connected to the elastic means opposite to the probe; and
an extend cable for connecting the resistor to the SVM.

2. The cell voltage detecting unit of claim 1, wherein the elastic means is a
10 spring.

3. The cell voltage detecting unit of claim 2, further comprising a spring housing
formed around the spring.

4. The cell voltage detecting unit of claim 3, wherein the spring housing is
15 formed of epoxy resin.

5. A cell voltage detecting assembly interconnecting a cell and an SVM,
comprising:

20 a plurality of cell voltage detecting units; and
a supporting unit for securing the plurality of cell voltage detecting units to the
cells,

wherein the cell voltage detecting unit includes a probe, an elastic means
connected to the probe for absorbing impact, a resistor connected to the elastic means,
25 an extend cable for connecting the resistor to the SVM, and a housing formed around
the elastic means,

wherein a plurality of probe holes are formed through the supporting unit for
respectively receiving the housings formed around the elastic means, and

wherein a plurality of guide holes are formed on a side wall of the supporting
30 unit for respectively guiding the extend cables to the SVM.

6. The cell voltage detecting assembly of claim 5, wherein the elastic means is a
spring.

7. The cell voltage detecting assembly of claim 6, wherein a surface of the supporting unit opposite to the cells is covered with silicon resin for insulation.

8. The cell voltage detecting assembly of claim 7, further comprising a cover plate for covering the supporting unit.

5